



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
ONE CONGRESS STREET, SUITE 1100
BOSTON, MA 02114-2023

November 12, 2009

Ian A. Bowles, Secretary
Executive Office of Energy and Environmental Affairs
c/o Ms. Karen Pelto
NRD Coordinator
EOEA
100 Cambridge Street, Suite 900
Boston, MA 02114

Subject: Transmittal of Final RI/FS Work Plan
Olin Chemical Superfund Site, Wilmington, Mass

Dear Mr. Finkelstein:

Enclosed for your use is a CD ROM containing the complete 5 volume RI/FS Work Plan for the Olin Chemical Superfund Site ("Olin Site"). The RI/FS Work Plan and other key Superfund documents can be found on EPA's web page at www.epa.gov/region1/superfund/sites/olin.

On June 28, 2007, EPA approved an Administrative Settlement Agreement and Order on Consent ("AOC") with the Olin Corporation and other potentially responsible parties ("PRPs"). The AOC requires that the PRPs complete a remedial investigation and feasibility study ("RI/FS"), and continue other ongoing Site characterization and remedial activities, at the Olin Site located at 51 Eames Street in Wilmington, Massachusetts.

Pursuant to the requirements contained in the AOC, the PRPs have developed a Remedial Investigation and Feasibility Study Work Plan ("RI/FS Work Plan") which was approved by EPA in August 2009. The RI/FS Work Plan outlines the field program and related Site characterization activities planned at the Olin Site.

The RI/FS activities are being performed concurrently under three operable units ("OUs"):

1. **OU1** – The former 53-acre facility property including soil, sediment and surface water.
2. **OU2** – All potentially impacted surface water and sediment areas outside of the former facility property, including Maple Meadow Brook to the northwest, and East Ditch, North Pond and the upper New Boston Drainage Way to the east and south.
3. **OU3** – All potentially impacted groundwater throughout the study area, including beneath the facility property, the Town of Wilmington's former Chestnut Street well field in the Maple Meadow Brook area to the northwest, and active private

supply wells immediately south of the property.

The RI/FS is being performed by the PPRs, as directed by the Olin Corporation and their consultant, MACTEC Engineering. EPA has retained Nobis Engineering to assist in oversight activities. The OU1 soil boring and sampling program was completed last month. Data is pending. OU2 and OU3 activities are expected to begin in the spring 2010.

Other notable field activities include continued monitoring of two active private supply wells located on Cook Avenue where n-nitrosodimethylamine ("NDMA") was recently detected, and the planned construction of a pilot extraction well to measure the effectiveness of removing a pool of dense aqueous-phase liquid ("DAPL") from the top of bedrock.

It is anticipated that the RI/FS Work Plan will take one to three years to complete.

Please call me at 617.918.1247 or email me at dilorenzo.jim@epa.gov if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jim M. DiLorenzo".

James M. DiLorenzo
Remedial Project Manager
USEPA Region 1 - New England

Cc: Joseph Coyne (MassDEP)